



STIC Search Report

EIC 3700

STIC Database Tracking Number: 182411

TO: Jiping Lu
Location: RND 8b79
Art Unit: 3993
Thursday, March 16, 2006

Case Serial Number: 09/121368

From: Terry Solomon
Location: EIC 3700
RND 8b31
Phone: 272-4240

terrance.solomon@uspto.gov

Search Notes

No current or past litigation found involving US pat. 5538504.

Sources:

Lexis/Nexis
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Patent Search - Number: 5,538,504

No cases found.

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269936 (08) 5538504 July 23, 1996

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5538504

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July 23, 1996

Intra-extravascular drug delivery catheter and method

REISSUE: Reissue Application filed Jul. 23, 1998 (O.G. Feb. 9, 1999) Ex. Gp.: 3734; Re. S.N. 09/121,368, (O.G. February 9, 1999)

APPL-NO: 269936 (08)

FILED-DATE: July 1, 1994

GRANTED-DATE: July 23, 1996

ASSIGNEE-AT-ISSUE: SciMed Life Systems, Inc., Maple Grove, Minnesota, United States (US), 02

ASSIGNEE-AFTER-ISSUE: September 30, 1994 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., SCIMED LIFE SYSTEMS, INC. ONE SCIMED PLACE MAPLE GROVE, MINNESOTA 44311-1566, Reel and Frame Number: 07184/0658

LEGAL-REP: Brinks Hofer Gilson & Lione

Selected file: PLUSPAT
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Comprehensive Worldwide Patents database

** SS 1: Results 1
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US5538504 A 19960723 [US5538504]

Title :

(A) Intra-extravascular drug delivery catheter and method

Patent Assignee :

(A) SCIMED LIFE SYSTEMS INC (US)

Patent Assignee :

SciMed Life Systems, Inc., Maple Grove MN [US]

Inventor(s) :

(A) LINDEN BRADLEY C (US); PALME II DONALD F (US); KEITH PETER T
(US); ATKINSON ROBERT E (US)

Application Nbr :

US26993694 19940701 [1994US-0269936]

Filing Details :

Cont. of US913227 19920714 [1992US-0913227] (Abandoned)

Priority Details :

US26993694 19940701 [1994US-0269936]

US91322792 19920714 [1992US-0913227]

Intl Patent Class :

(A) A61M-031/00

EPO ECLA Class :

A61M-025/00

A61M-025/06

EPO ICO Class :

K61M-025/00S5A

US Patent Class :

ORIGINAL (O) : 604508000; CROSS-REFERENCE (X) : 604264000

Document Type :

Basic

Citations :

US4578061; US5236424; WO9210142

Publication Stage :

(A) United States patent

Abstract :

A drug delivery catheter is provided which includes a catheter comprised of an elongated tubular shaft with an inner lumen and a vessel puncturing element which is housed in the lumen. The puncturing element has a retracted position such that it will not be in contact with the vessel wall as the catheter is guided through the vasculature. The puncturing element also has a puncturing position where it protrudes radially outward of the catheter shaft and engages and punctures the vessel wall. The catheter is first inserted into the vessel to be treated and the puncturing element is positioned at the site in the vessel to be treated. The puncturing element is then moved to its puncturing position and the inner surface of the vessel wall is punctured. A drug is then delivered through the puncture. The drug may be delivered into either the vessel wall itself or to the outside of the vessel wall.

1 / 1 LGST - @EPO

Patent Number :

US5538504 A 19960723 [US5538504]

Application Number :

US26993694 19940701 [1994US-0269936]

Action Taken :

19940930 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: SCIMED LIFE SYSTEMS, INC. ONE SCIMED PLACE MAPLE G; EFFECTIVE
DATE: 19940923

19940930 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: LINDEN, BRADLEY C.; EFFECTIVE DATE: 19940923

19940930 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: PALME II, DONALD F.; EFFECTIVE DATE: 19940923

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ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: KEITH, PETER T.; EFFECTIVE DATE: 19940923

19940930 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: ATKINSON, ROBERT E.; EFFECTIVE DATE: 19940923

19990209 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 19980723

Update Code :

2003-22

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

5,538,504 A 19960723 [US5538504]

Patent Assignee :

Scimed Life Systems Inc

Actions :

19980723 REISSUE REQUESTED

Issue Date of O.G.: 19990209

Reissue Request Number: 09/121368

Examination Group responsible for Reissue process: 3734

Session finished: 16 MAR 2006 Time 20:08:15

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